

## **Unreinforced Reaction Injection Molded Structural Foams**

### **ABSTRACT**

5           A reaction system used to produce an unreinforced structural foam molding includes a polyisocyanate component, an organic isocyanate-reactive component, an isocyanate foaming agent and optionally an additive. The reaction system can be used in a reaction injection molding process where the reaction system is first blended to form a liquid reacting mixture that is injected into a mold. After the liquid  
10 reacting mixture foams and cures within the mold, the mold is opened and the unreinforced structural foam molding is removed.